

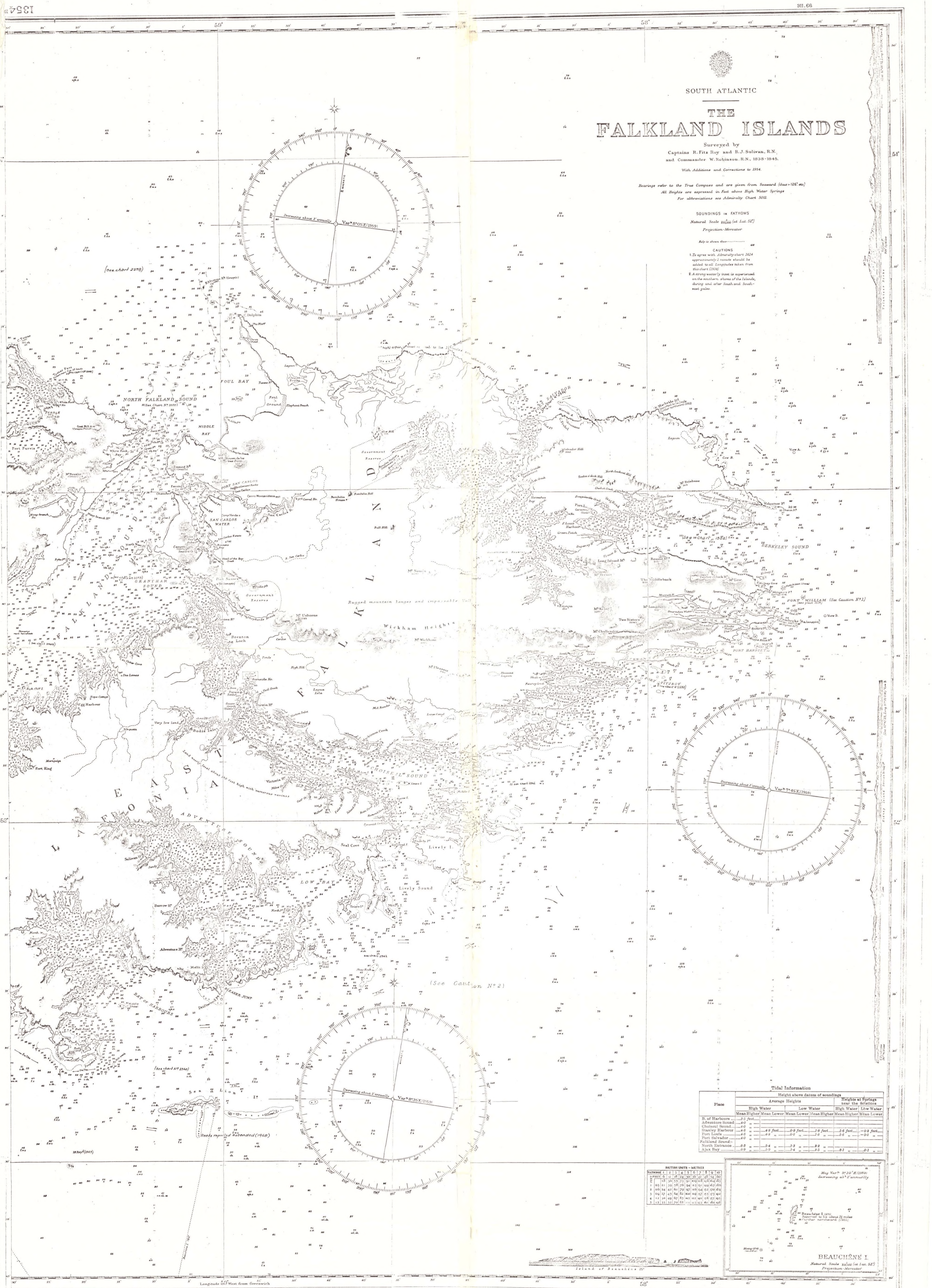
COAC V 19



Tidal Information and Chart Datum									
Place	Height above datum of soundings				Height at Springs near the Solution				Datum to which soundings are reduced and Remarks
	Average Heights				Average Heights				
	High Water	Mean Higher Low Water	Mean Lower Low Water	Low Water	High Water	Mean Higher Low Water	Mean Lower Low Water	Low Water	
St. Helena	6.4 fath.	4.6 fath.	3.1 fath.	3 fath.	7.5 fath.	5.7 fath.	3.2 fath.	The tide is usually diurnal	
St. Paul	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. Vincent	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. John	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. Peter	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. James	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. George	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. Andrew	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. David	6.4	4.6	3.1	3	7.5	5.7	3.2		
St. Elizabeth	6.4	4.6	3.1	3	7.5	5.7	3.2		

BRITISH UNITS - METRES

Feet	Metres
1	0.3048
2	0.6096
3	0.9144
4	1.2192
5	1.5240
6	1.8288
7	2.1336
8	2.4384
9	2.7432
10	3.0480
11	3.3528
12	3.6576
13	3.9624
14	4.2672
15	4.5720
16	4.8768
17	5.1816
18	5.4864
19	5.7912
20	6.0960
21	6.4008
22	6.7056
23	7.0104
24	7.3152
25	7.6200
26	7.9248
27	8.2296
28	8.5344
29	8.8392
30	9.1440
31	9.4488
32	9.7536
33	10.0584
34	10.3632
35	10.6680
36	10.9728
37	11.2776
38	11.5824
39	11.8872
40	12.1920
41	12.4968
42	12.8016
43	13.1064
44	13.4112
45	13.7160
46	14.0208
47	14.3256
48	14.6304
49	14.9352
50	15.2400
51	15.5448
52	15.8496
53	16.1544
54	16.4592
55	16.7640
56	17.0688
57	17.3736
58	17.6784
59	17.9832
60	18.2880
61	18.5928
62	18.8976
63	19.2024
64	19.5072
65	19.8120
66	20.1168
67	20.4216
68	20.7264
69	21.0312
70	21.3360
71	21.6408
72	21.9456
73	22.2504
74	22.5552
75	22.8600
76	23.1648
77	23.4696
78	23.7744
79	24.0792
80	24.3840
81	24.6888
82	24.9936
83	25.2984
84	25.6032
85	25.9080
86	26.2128
87	26.5176
88	26.8224
89	27.1272
90	27.4320
91	27.7368
92	28.0416
93	28.3464
94	28.6512
95	28.9560
96	29.2608
97	29.5656
98	29.8704
99	30.1752
100	30.4800



SOUTH ATLANTIC

THE FALKLAND ISLANDS

Surveyed by
Captains R. Fitz Roy and H. J. Sullivan, R.N.,
and Commander W. Robinson, R.N., 1838-1845.
With Additions and Corrections to 1954.

Bearings refer to the True Compass and are given from Seaward (true-true) 125° 46'.
All Heights are expressed in Feet above High Water Springs.
For abbreviations see Admiralty Chart 5011.

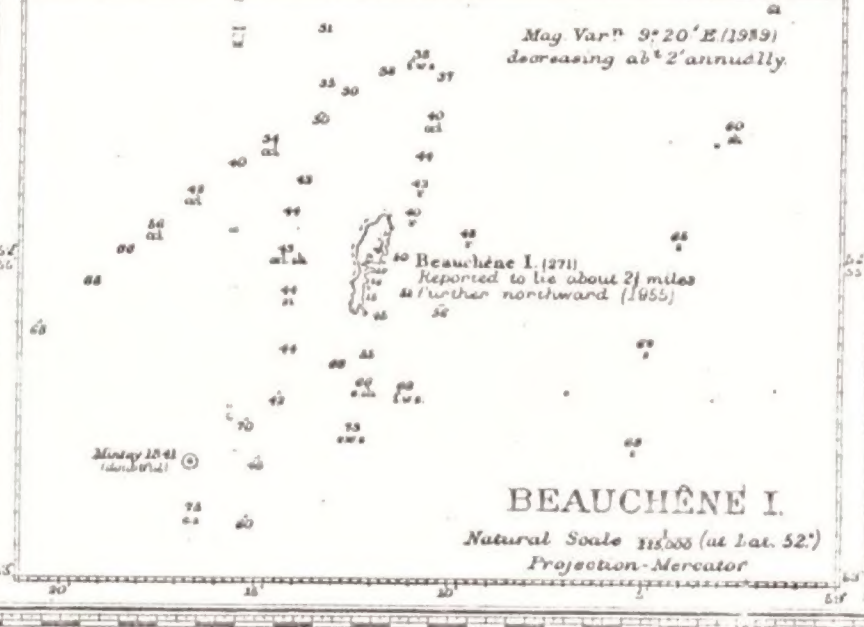
SOUNDINGS IN FATHOMS
Natural Scale 1:100,000 (at Lat. 52°)

Projection-Mercator

Relief is shown thus.....

- CAUTIONS
1. To agree with Admiralty chart 1414 approximately 2 minutes should be added to all longitudes taken from this chart (1954).
 2. A strong westerly wind is experienced on the eastern shores of the Islands, during and after South and South-east gales.

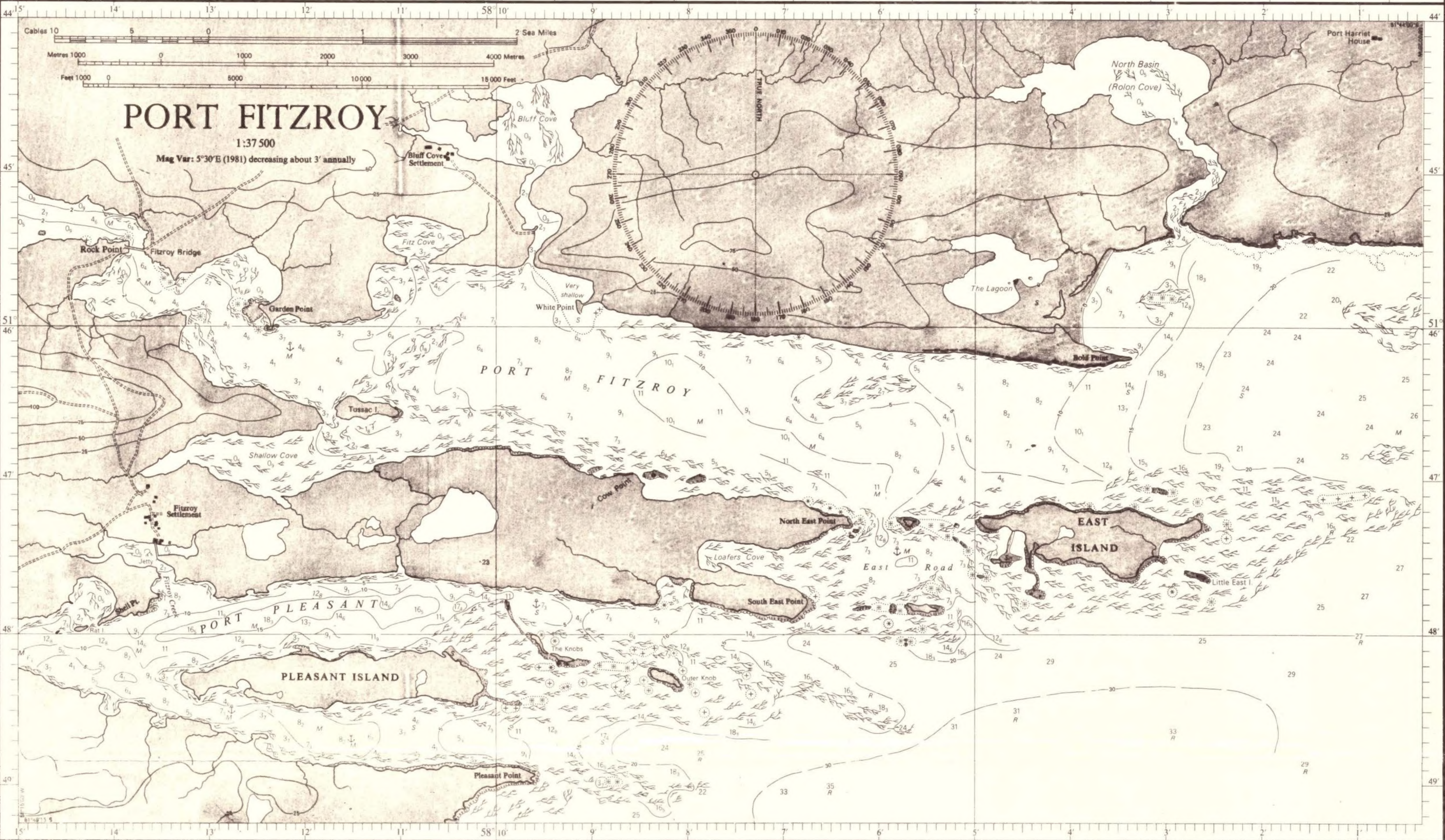
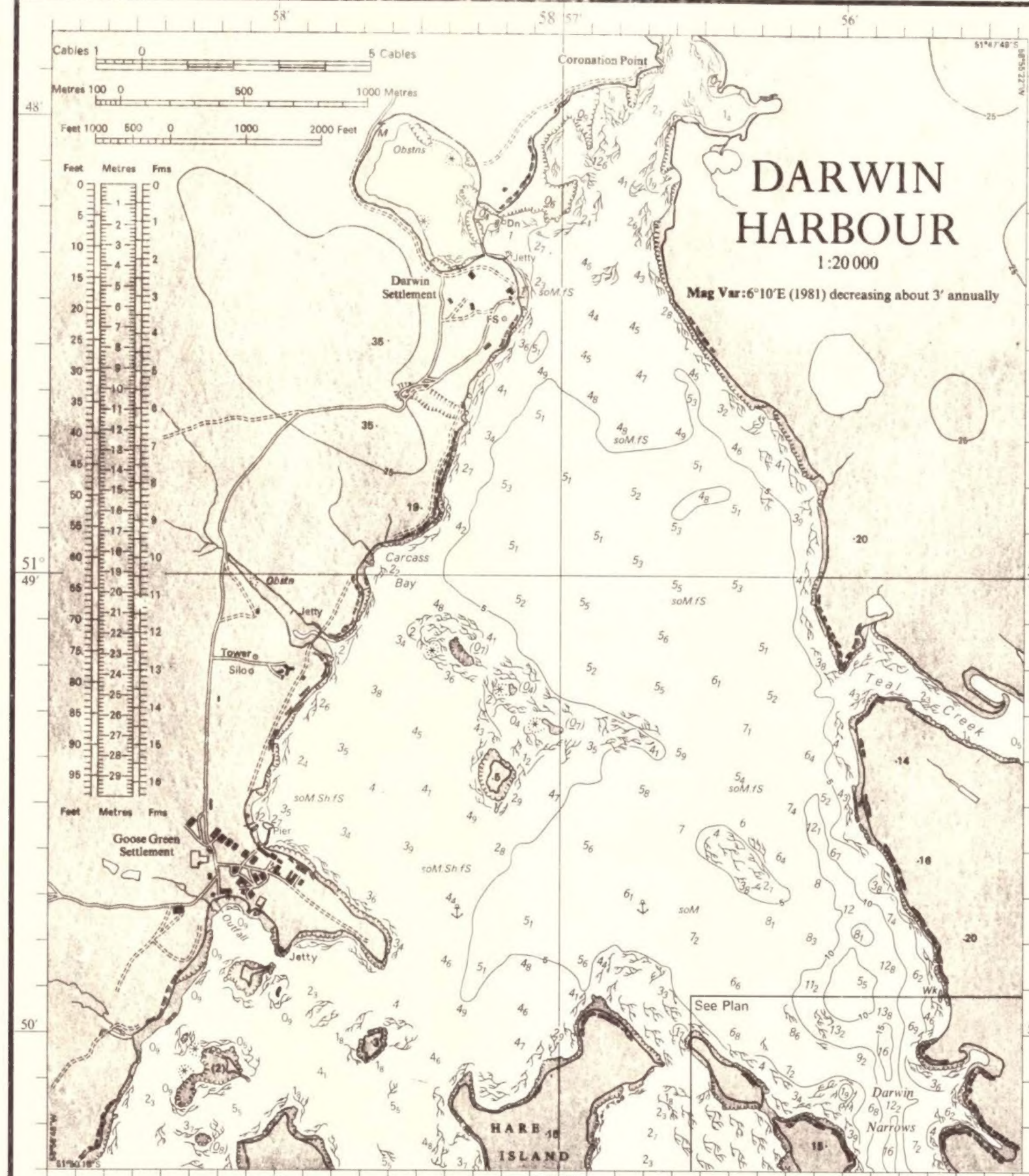
Place	Height above datum of soundings				Height at Springs near the Solitudes			
	Average Heights		Low Water		High Water		Low Water	
	Mean Higher	Mean Lower	Mean Higher	Mean Lower	Mean Higher	Mean Lower	Mean Higher	Mean Lower
H. of Harbours	2.5 feet	—	—	—	—	—	—	—
Adventure Sound	4.0	—	—	—	—	—	—	—
Chatham Sound	4.0	—	—	—	—	—	—	—
Stanley Harbour	4.0	—	—	—	—	—	—	—
Port Louis	4.0	—	—	—	—	—	—	—
Port Salvador	4.0	—	—	—	—	—	—	—
Portland Sound	4.0	—	—	—	—	—	—	—
North Entrance	4.0	—	—	—	—	—	—	—
Alax Bay	4.0	—	—	—	—	—	—	—





Authorities: The origin, scale, date and limits of the hydrographic surveys used in compiling the chart are shown in the Source Data Diagram. The topography is derived from aerial photography, 1976, 1978, and mapping by Directorate of Overseas Surveys, 1962. Soundings in upright figures are from older surveys.

Refer to Admiralty Sailing Directions, List of Lights and other publications to supplement the information shown on this chart. For general information on navigation, charts and hydrographic publications see The Mariner's Handbook. For an explanation of chart symbols and abbreviations see Chart 5011.

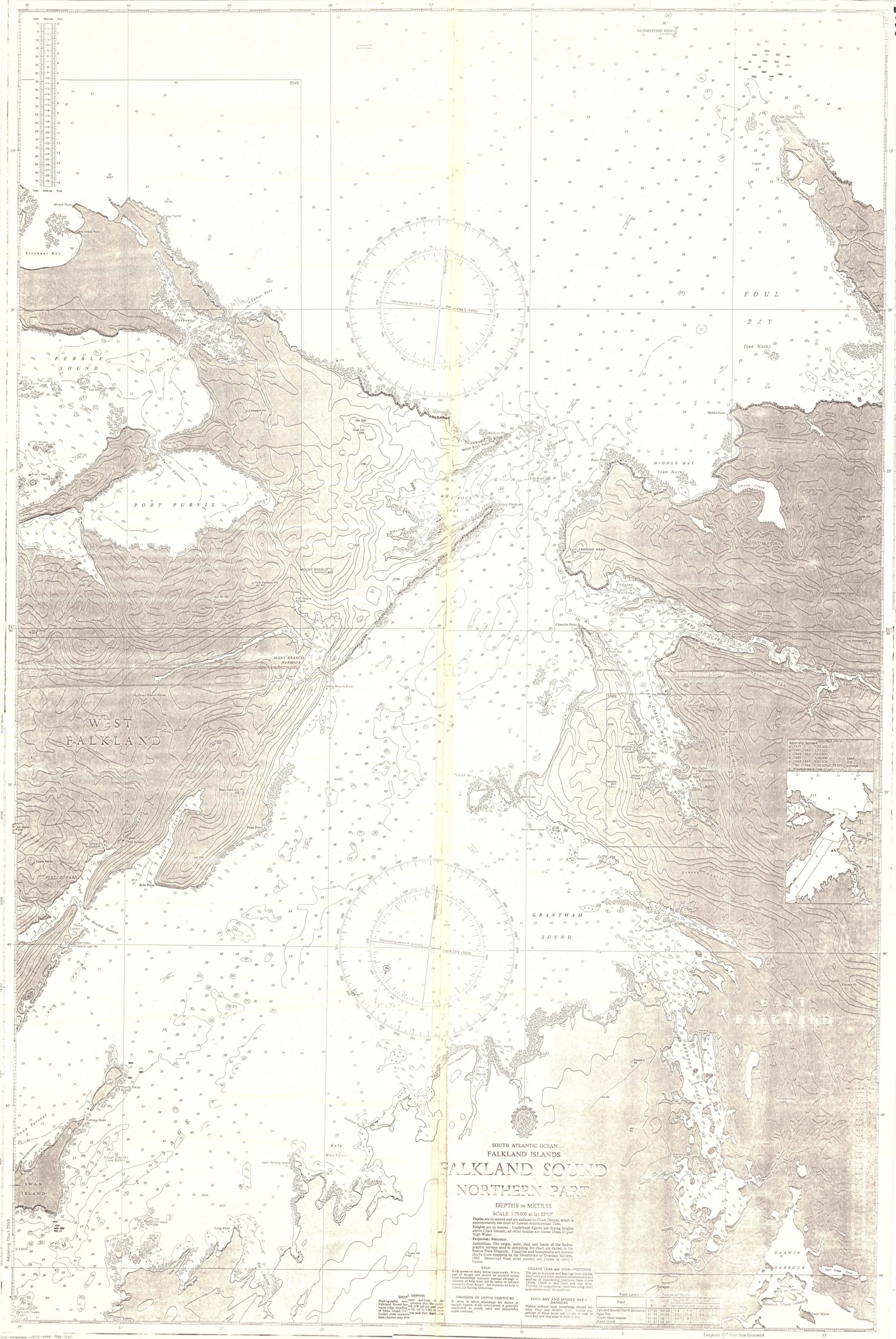


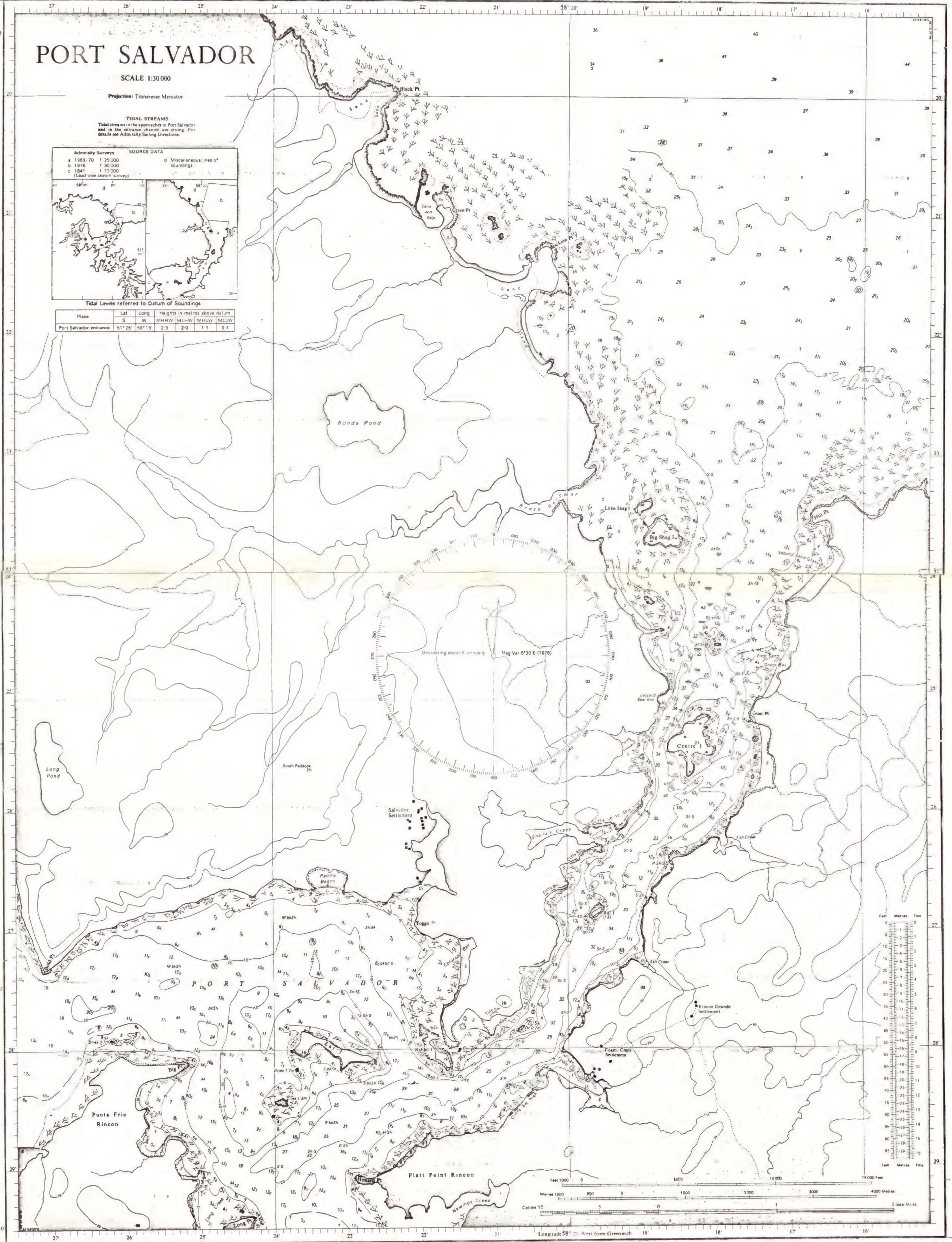
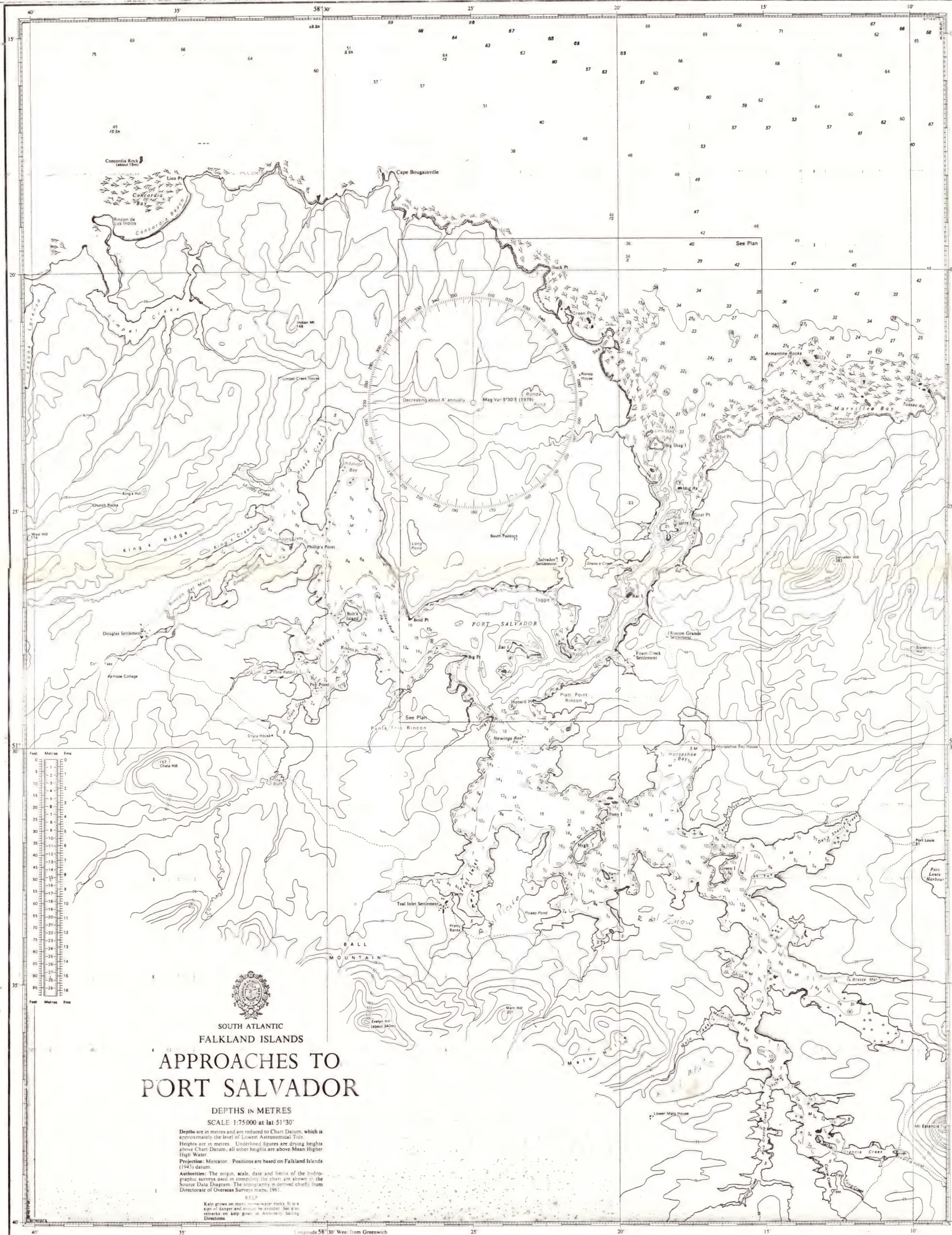
SOURCE DATA
Admiralty Charts
a 1977 1:7500
b 1977 1:15000
c 1978 1:25000
d 1978 1:50000
e 1978 1:60000
f 1978 1:75000
g 1978 1:100000
h 1978 1:125000
i 1978 1:150000
j 1978 1:200000
k 1978 1:250000
l 1978 1:300000
m 1978 1:350000
n 1978 1:400000
o 1978 1:450000
p 1978 1:500000
q 1978 1:550000
r 1978 1:600000
s 1978 1:650000
t 1978 1:700000
u 1978 1:750000
v 1978 1:800000
w 1978 1:850000
x 1978 1:900000
y 1978 1:950000
z 1978 1:1000000

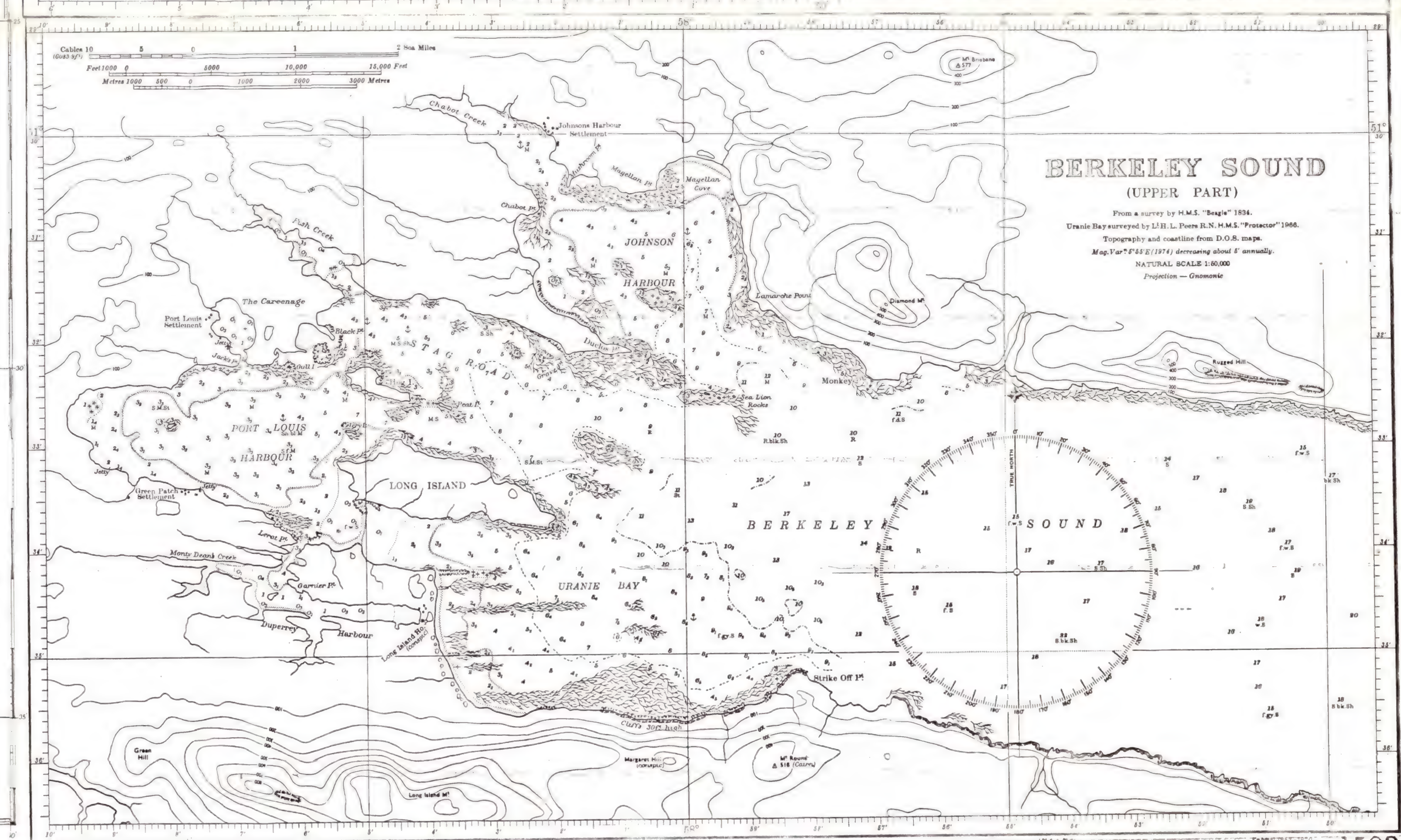
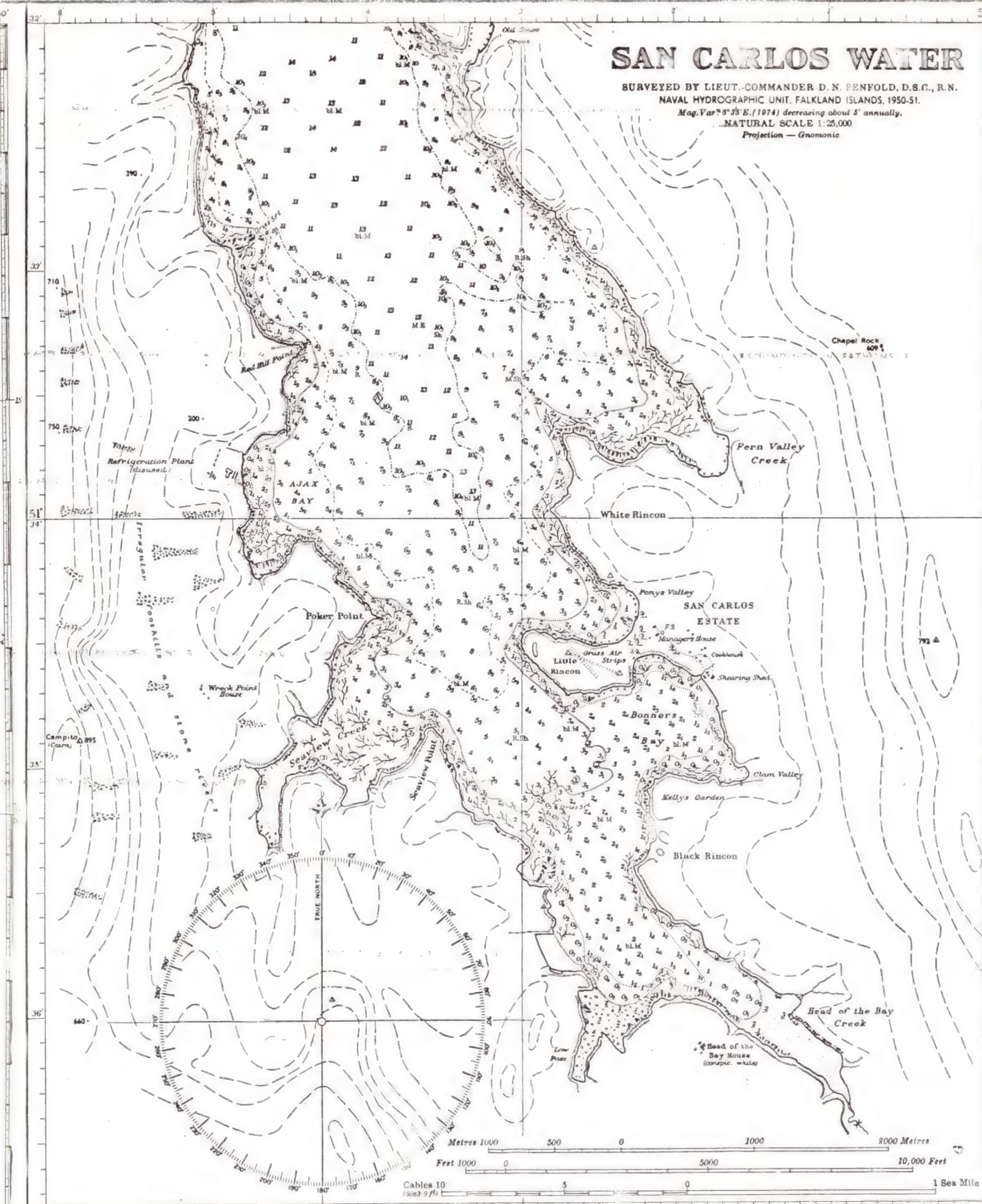
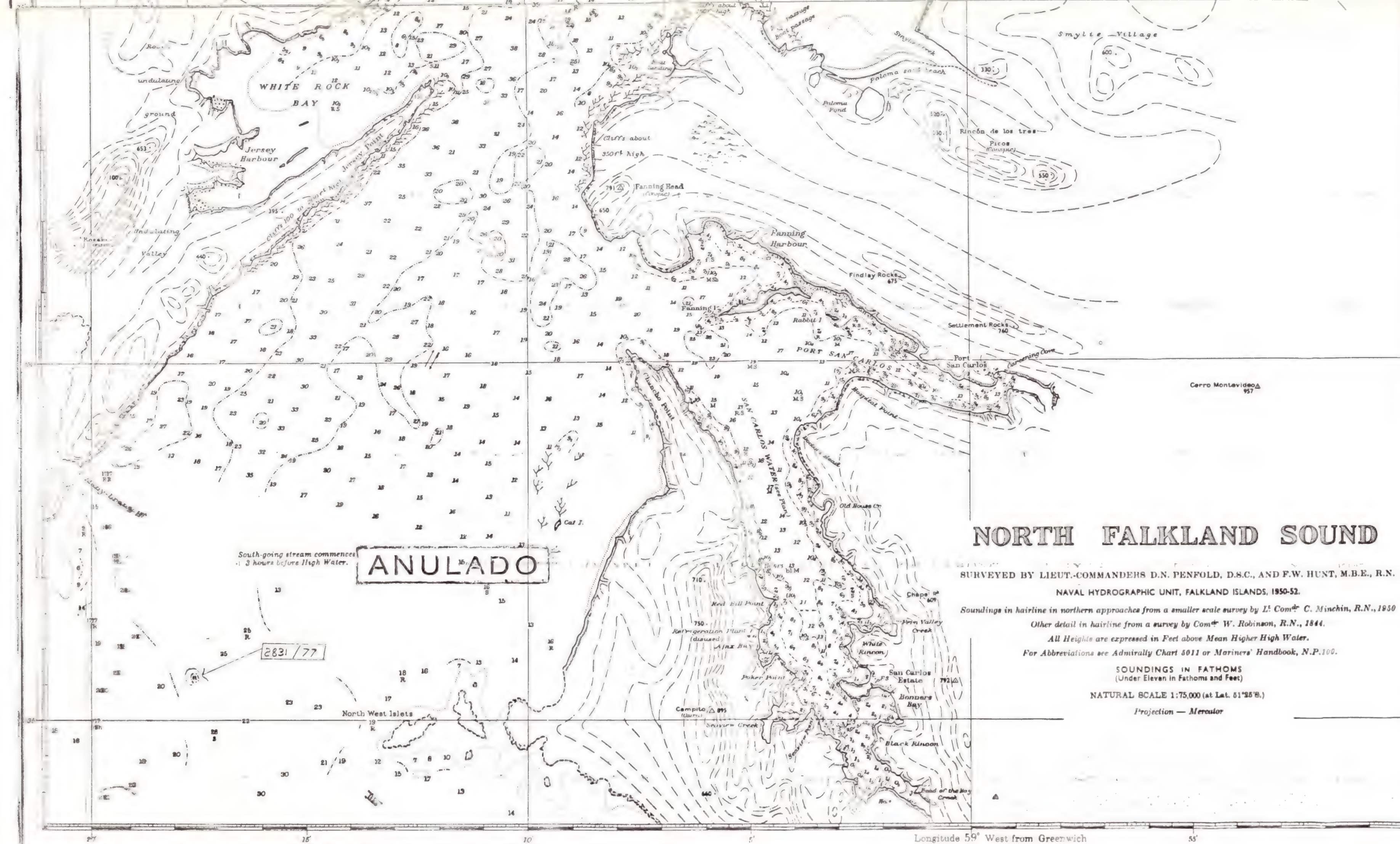
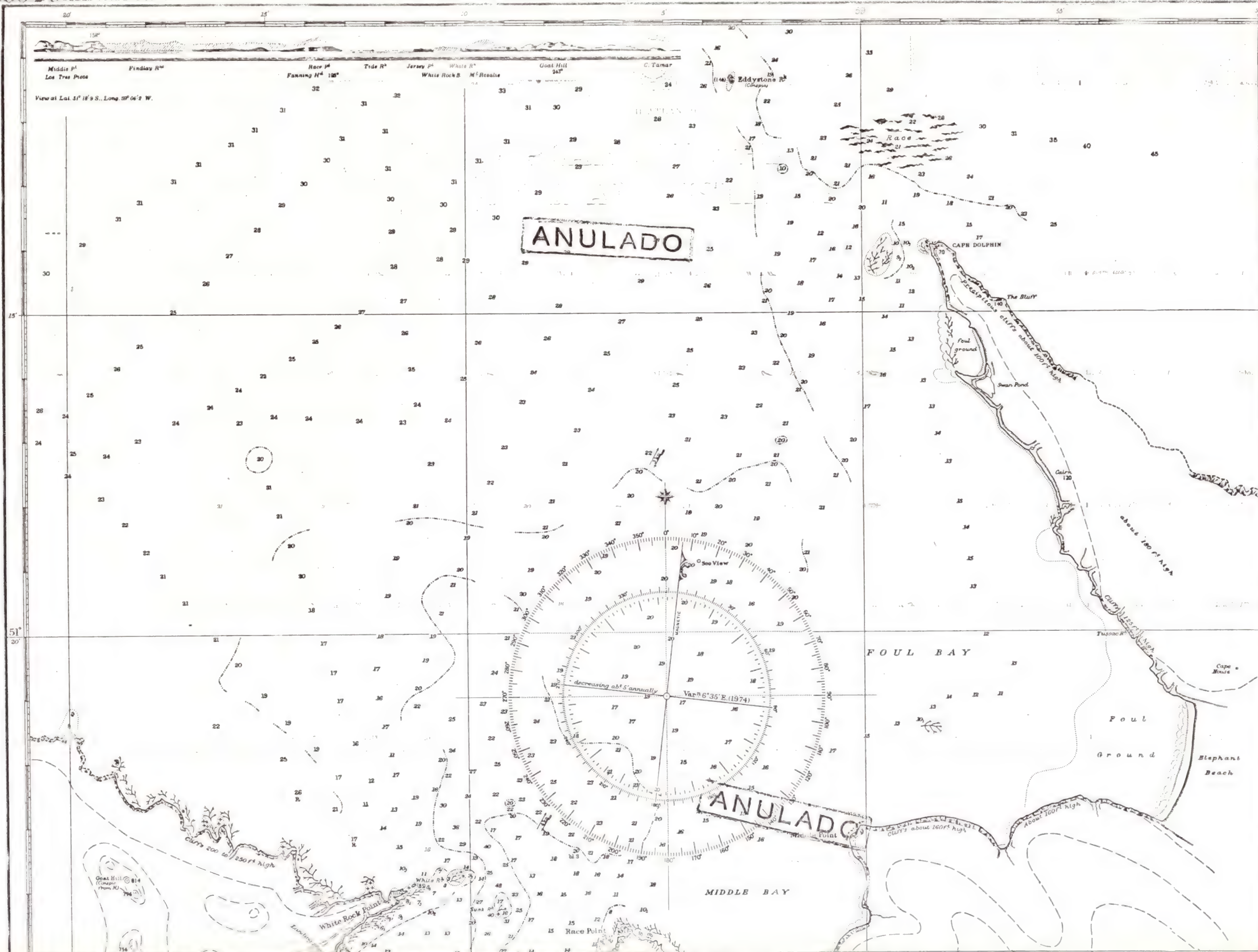
KEEP
Kelp grows on many low-lying rocks. It is a sign of danger and should be avoided unless local knowledge or information given in Admiralty Sailing Directions warrants passage through it. Absence of kelp does not necessarily indicate immunity from danger. See remarks on Kelp in Admiralty Sailing Directions.

SATELLITE-DERIVED POSITIONS
Positions obtained from satellite navigation systems are referred to World Geodetic System 1975 Datum (WGS 1975); they should be moved 101 metres Northward and 6.26 metres Eastward to agree with this chart.











SOUTH ATLANTIC OCEAN
FALKLAND ISLANDS
FALKLAND SOUND
SOUTHERN PART

DEPTHS IN METRES
SCALE 1:75000 at lat 52°07'

Projection: Mercator. Positions are based upon Falkland Islands (1940) datum.
Authority: The derivation of the hydrography is shown in the Source Data Diagram. Contour and topography are taken from maps by the Directorate of Overseas Survey, 1962. Soundings from older surveys are shown in upright figures.
Depths are in metres and are rounded to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Heights are in metres. Underlined figures are drying heights above chart datum; all other heights are above Mean Higher High Water.

KEEL

Keels grow on many underwater rocks. It is a sign of danger and should be avoided unless local knowledge is available. Keels are shown in the vicinity of rocks to warn of their presence. Keels are shown in the vicinity of rocks to warn of their presence.

OMISSION OF DEPTH CONTOURS

In areas in which soundings are shown in isolation, depth contours are generally omitted to justify valid and dependable depth soundings.

SHOAL DEPTHS

Hydrographic surveys working in the Falkland Sound have shown that the following areas require further examination and that depths less than charted may exist:
i. Underwater ridge trending N 30° W off east end of Great Island (17° 15' S, 52° 15' W) off east end of Great Island.
ii. Underwater ridge trending SW, E and NE from O'Brien Point (17° 15' S, 52° 15' W).
iii. Underwater ridge trending about 31 miles NE from O'Brien Point (17° 15' S, 52° 15' W).
iv. Area within 11 miles of the west coast of Great Island, 17° 15' S, 52° 15' W.
v. Area between Great Island (17° 15' S, 52° 15' W) and Elephant Cays (17° 15' S, 52° 15' W).
vi. Wood Shoal (17° 15' S, 52° 15' W).
Mariners are advised to keep to the deep channels in these areas.

CHARTS 1354a and 1354b—PORTIONS

The shape, dimensions and bearings from which, latitude and longitude are ascertained, is recommended as a method of checking the accuracy of the chart. The chart is a true copy of the original. It is made by the Hydrographic Office, Admiralty, London.

Tidal Levels referred to Datum of Soundings

Place	Lat. S.	Long. W.	High Water	Low Water	Mean High Water	Mean Low Water	Chart Datum	Remarks
Port Howard	51° 57'	50° 21'	1.8	1.7	0.8	0.6		
Swan Island	51° 57'	50° 21'	2.1	1.9	1.0	0.8		
Egg Harbour	51° 58'	50° 22'	2.0	1.8	0.9	0.7		
Great Island	51° 58'	50° 22'	1.9	1.7	0.8	0.6		
Dunoon Harbour	52° 00'	50° 30'	1.7	1.5	0.7	0.5		
Speedwell Island	52° 02'	50° 41'	0.9	0.7	0.4	0.3		
Fox Bay	51° 58'	50° 04'	0.8	0.7	0.3	0.2		The tide is usually ebbing.

Total Streams referred to Port Stanley

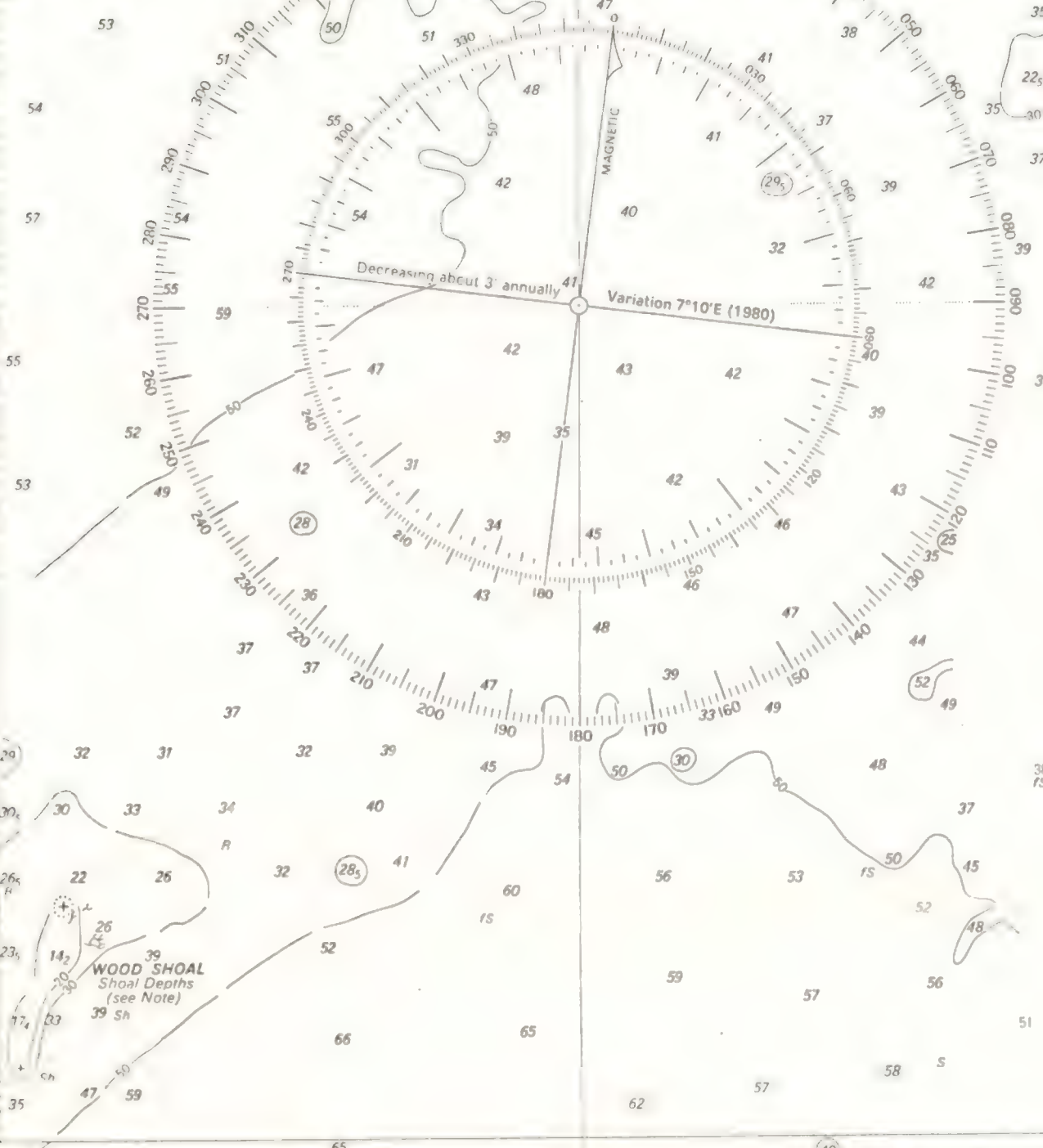
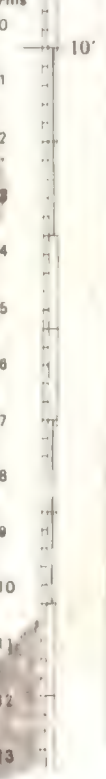
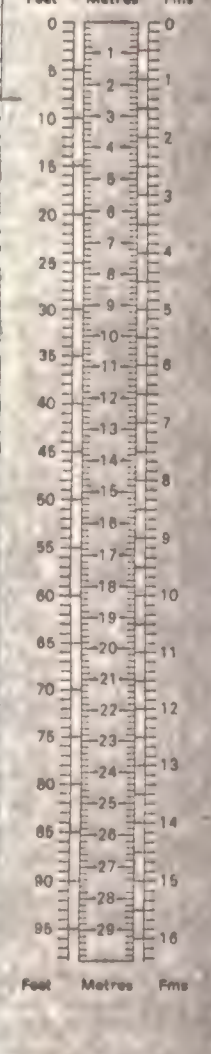
Stream	Lat. S.	Long. W.	Depth	Remarks
1	51° 57'	50° 21'	1.8	
2	51° 57'	50° 21'	1.7	
3	51° 57'	50° 21'	1.6	
4	51° 57'	50° 21'	1.5	
5	51° 57'	50° 21'	1.4	
6	51° 57'	50° 21'	1.3	
7	51° 57'	50° 21'	1.2	
8	51° 57'	50° 21'	1.1	
9	51° 57'	50° 21'	1.0	
10	51° 57'	50° 21'	0.9	
11	51° 57'	50° 21'	0.8	
12	51° 57'	50° 21'	0.7	
13	51° 57'	50° 21'	0.6	
14	51° 57'	50° 21'	0.5	
15	51° 57'	50° 21'	0.4	
16	51° 57'	50° 21'	0.3	
17	51° 57'	50° 21'	0.2	
18	51° 57'	50° 21'	0.1	
19	51° 57'	50° 21'	0.0	
20	51° 57'	50° 21'	0.0	

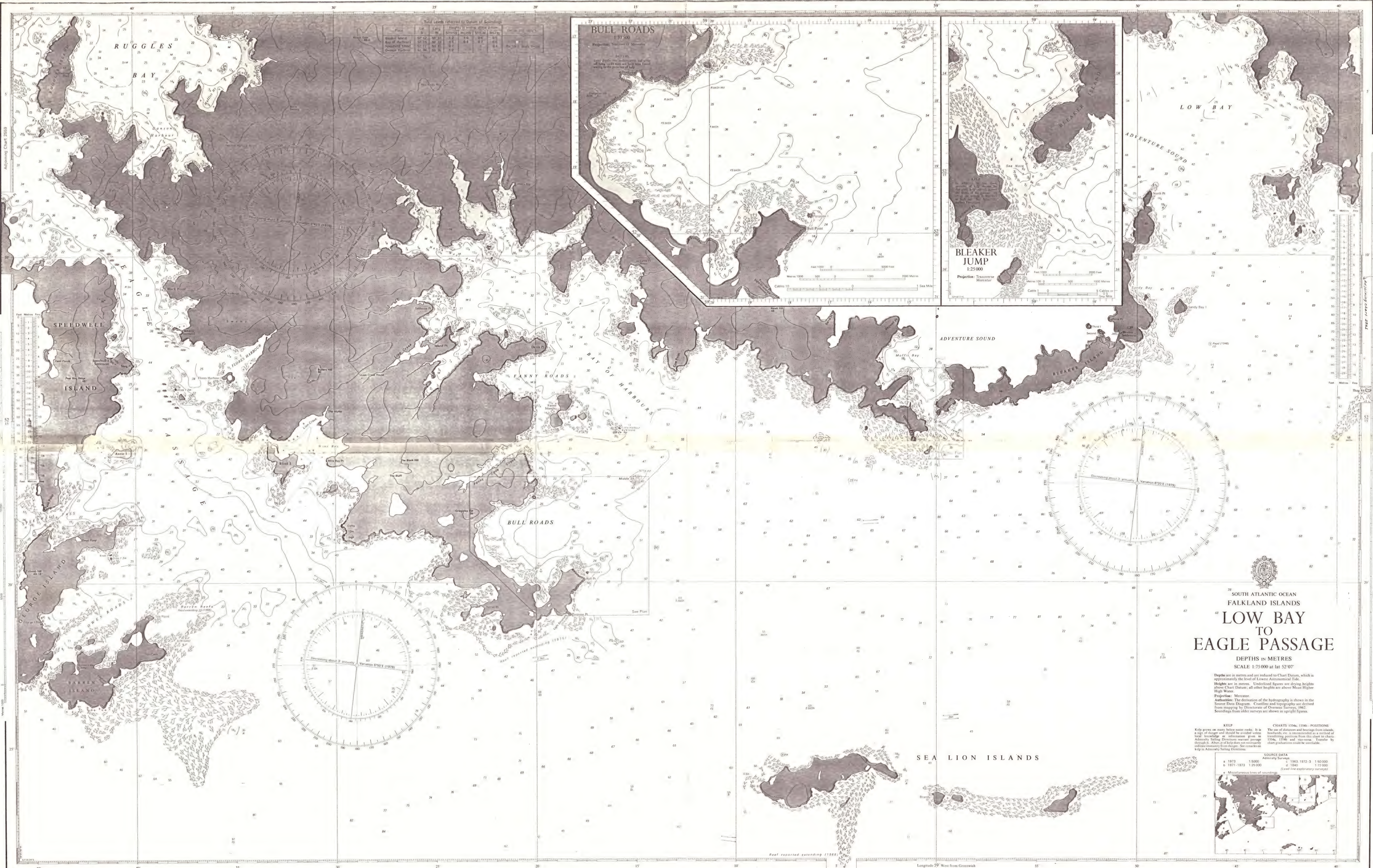
WEST FALKLAND

EAST FALKLAND

RUGGLES BAY

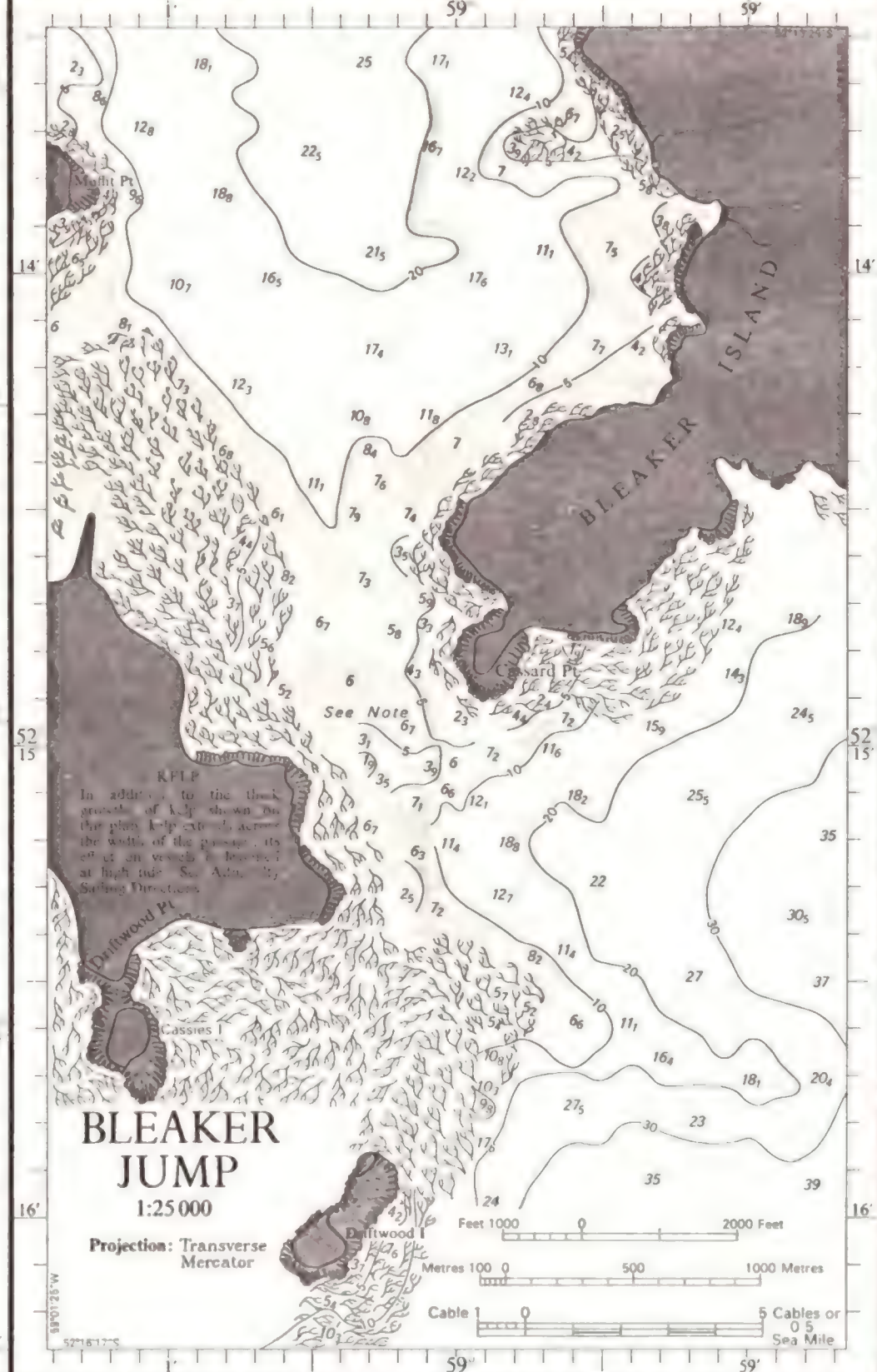
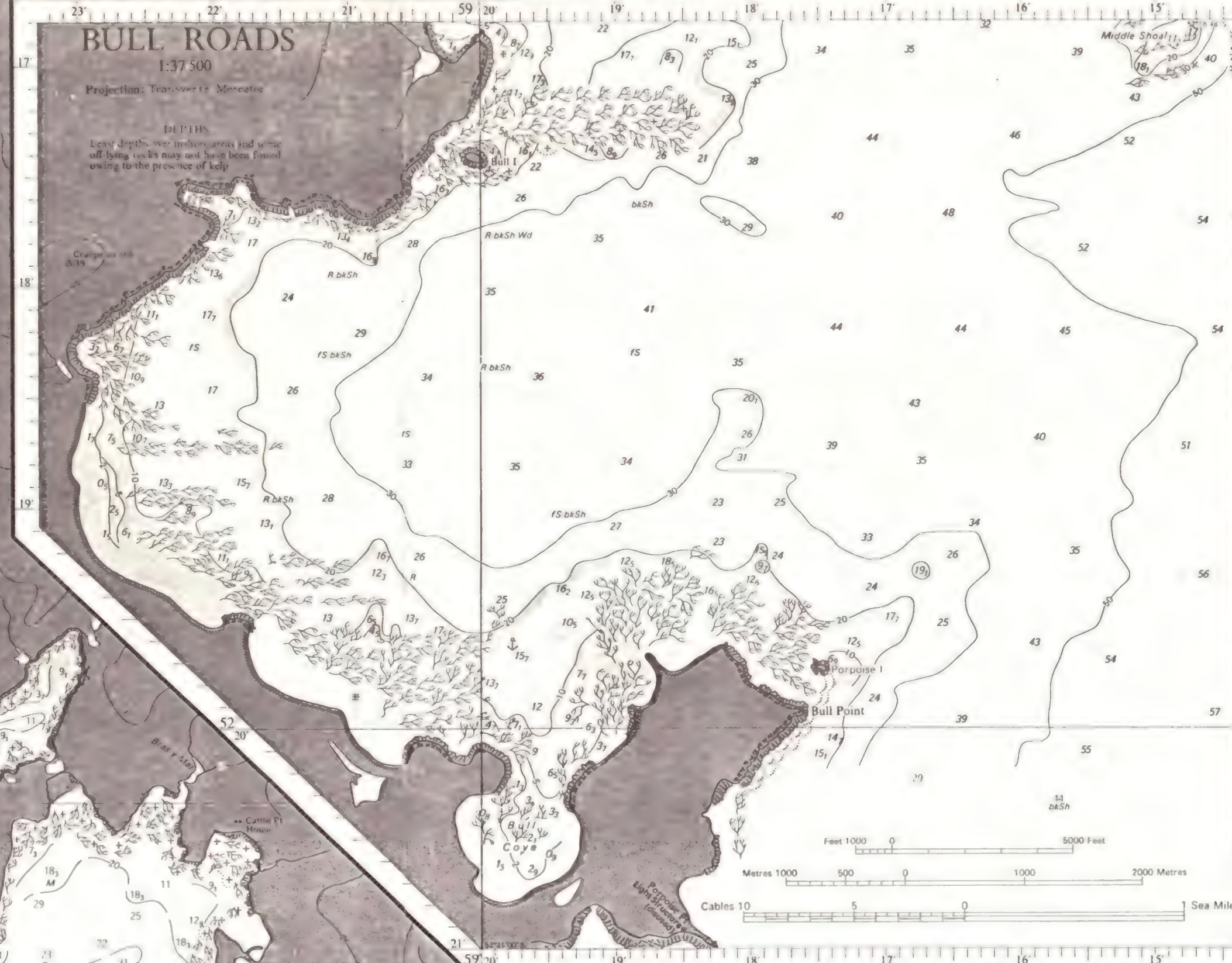
SPEEDWELL ISLAND





Total Levels referred to Datum of Soundings

Place	Lat	Long	Height	Depth	Area	Notes
Blaker Island	52° 42' N	13° 33' W	3.2	0.0	0.5	
Blaker Island	52° 42' N	13° 33' W	0.1	0.0	0.5	
Blaker Island	52° 42' N	13° 33' W	0.1	0.0	0.5	
Blaker Island	52° 42' N	13° 33' W	0.1	0.0	0.5	
Blaker Island	52° 42' N	13° 33' W	0.1	0.0	0.5	

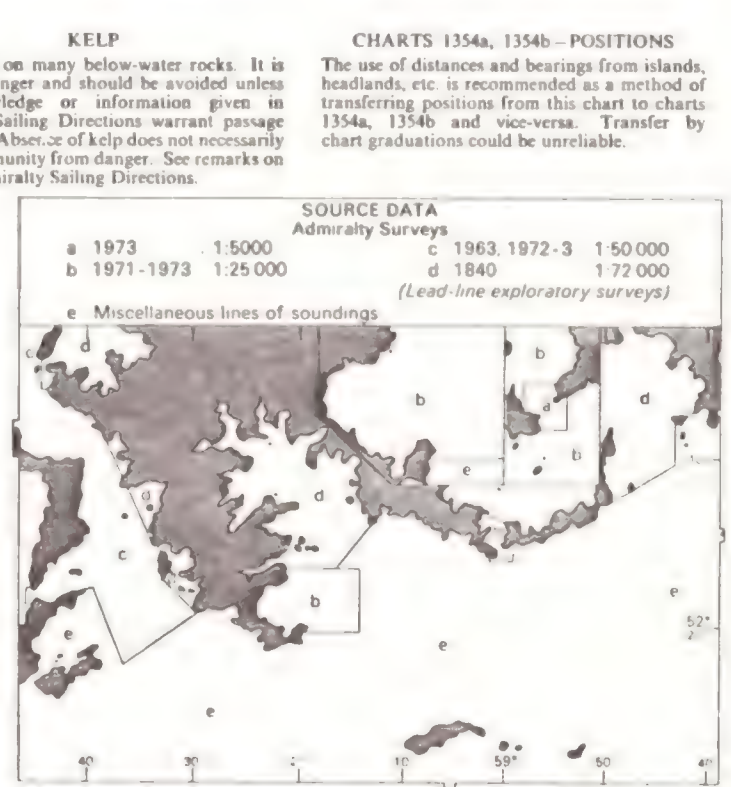


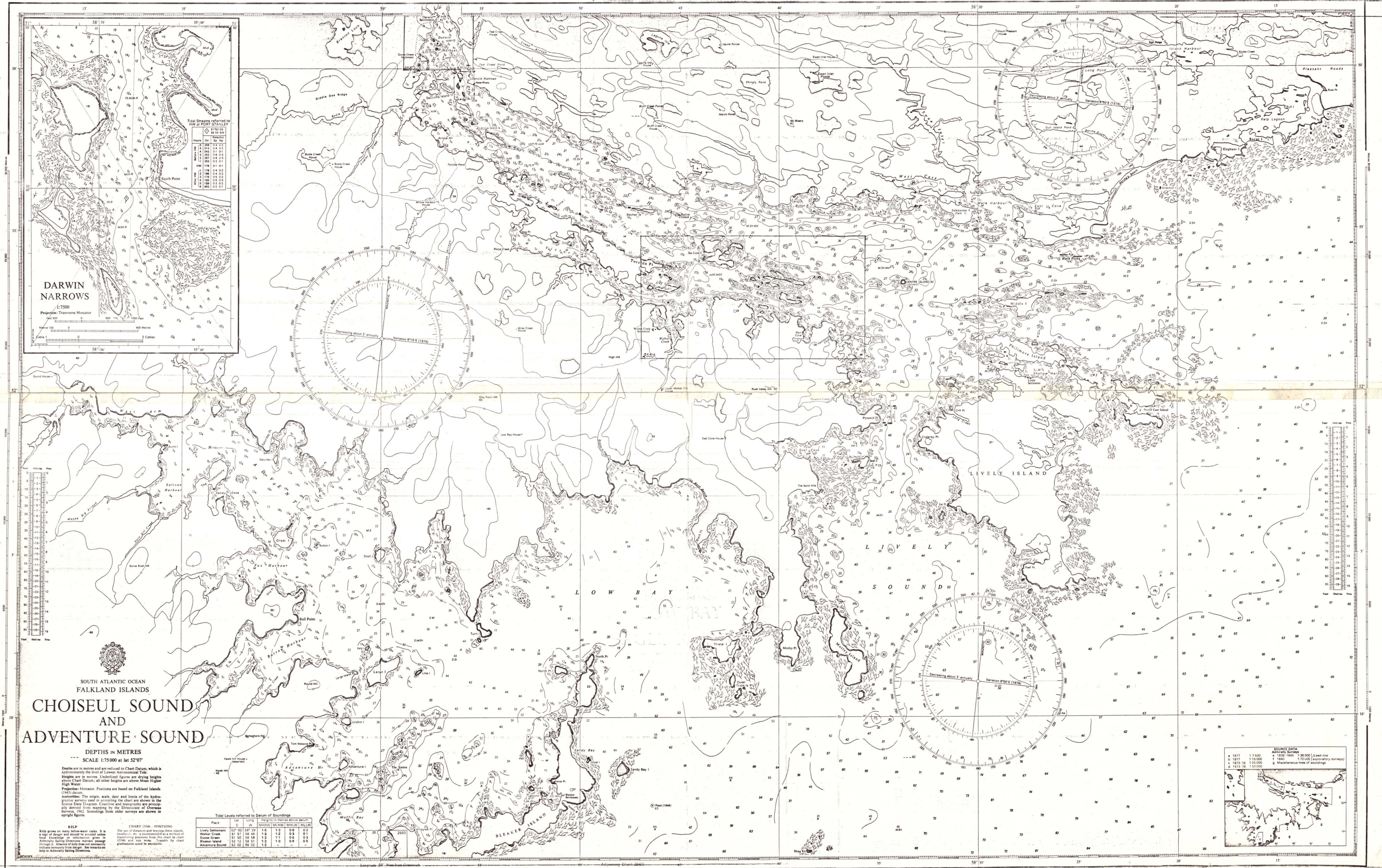
LOW BAY TO EAGLE PASSAGE
DEPTHS IN METRES
SCALE 1:75,000 at Lat 52° 07'

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Heights are in metres. Underlined figures are drying heights above Chart Datum; all other heights are above Mean Higher High Water.

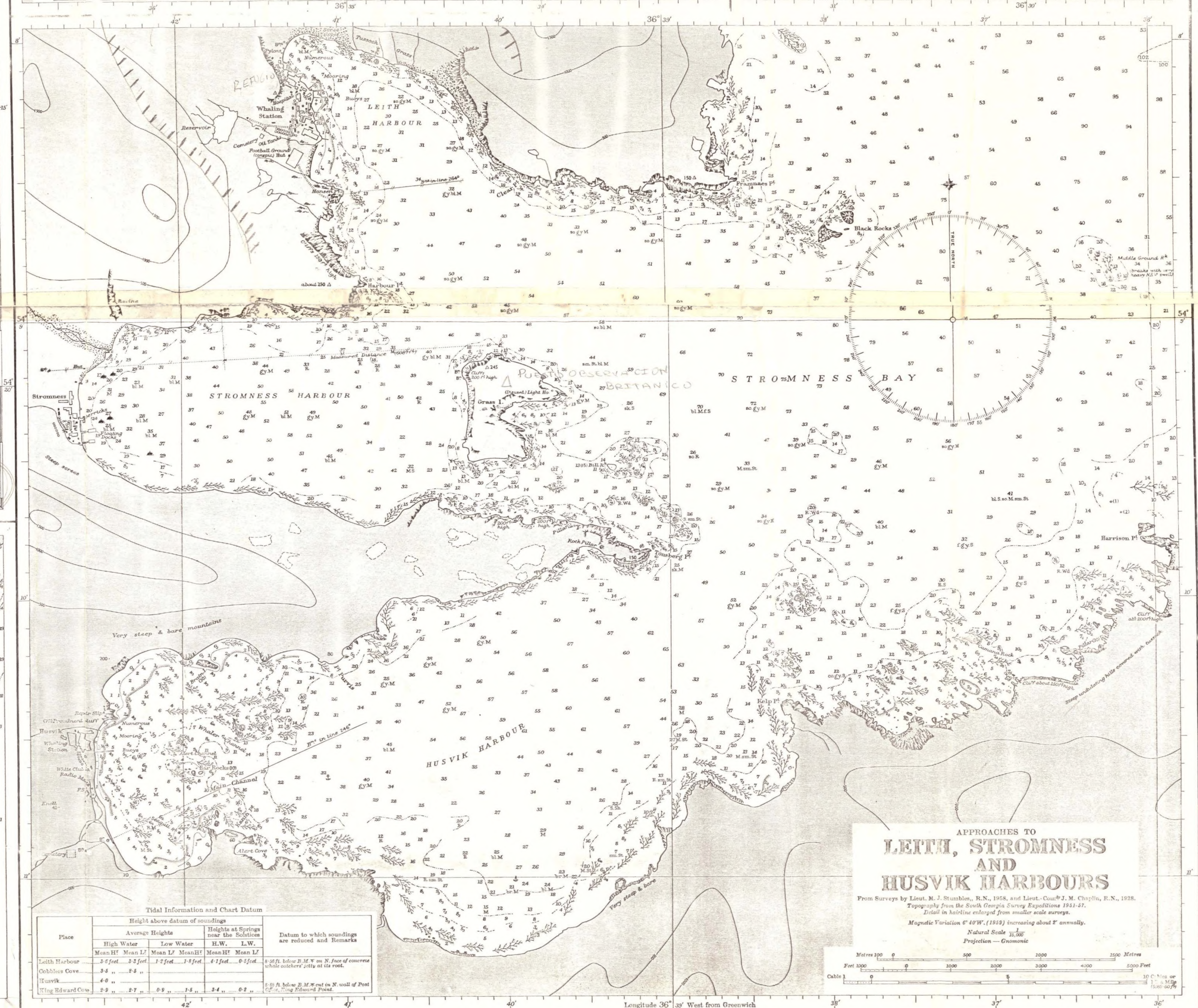
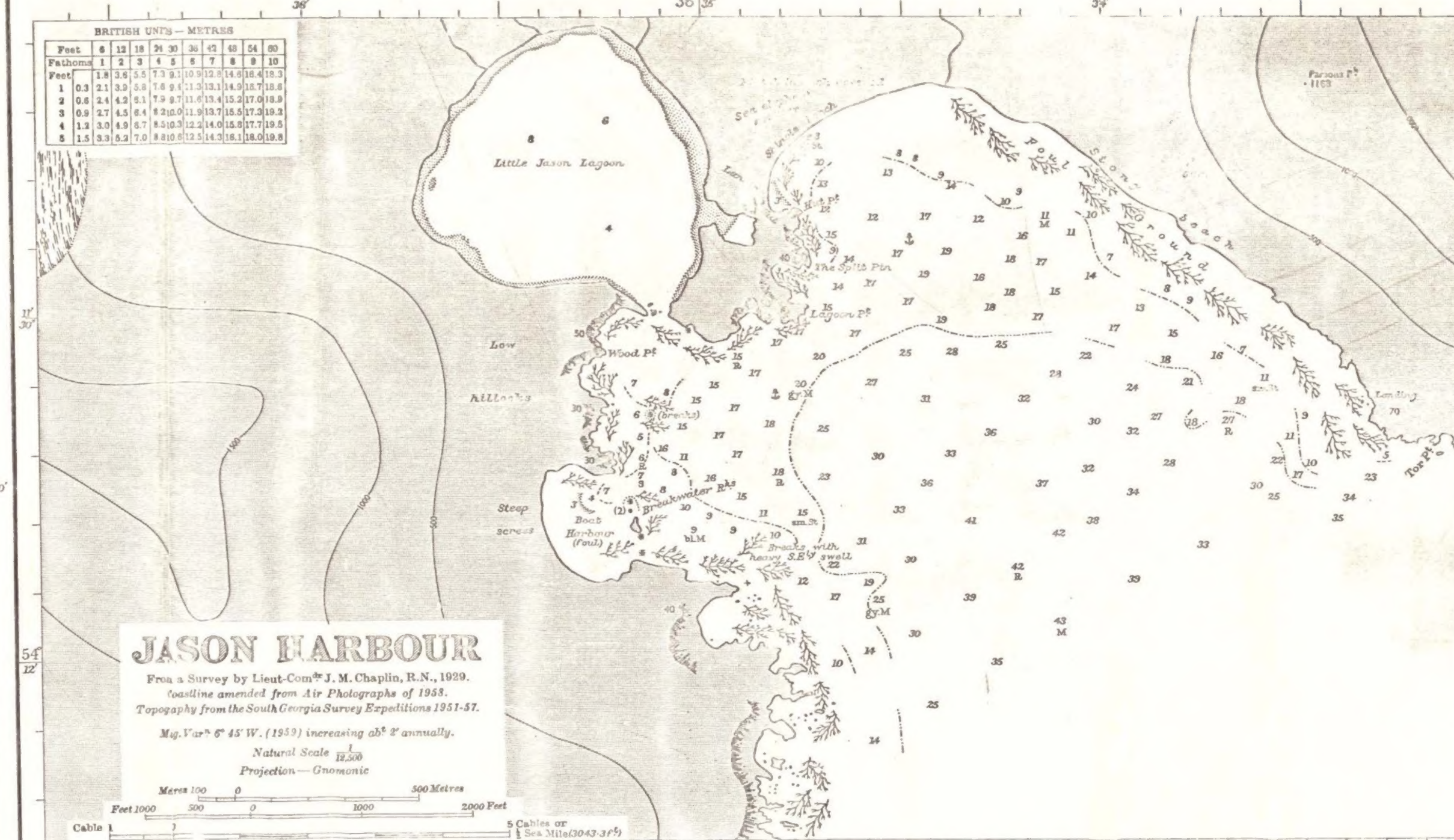
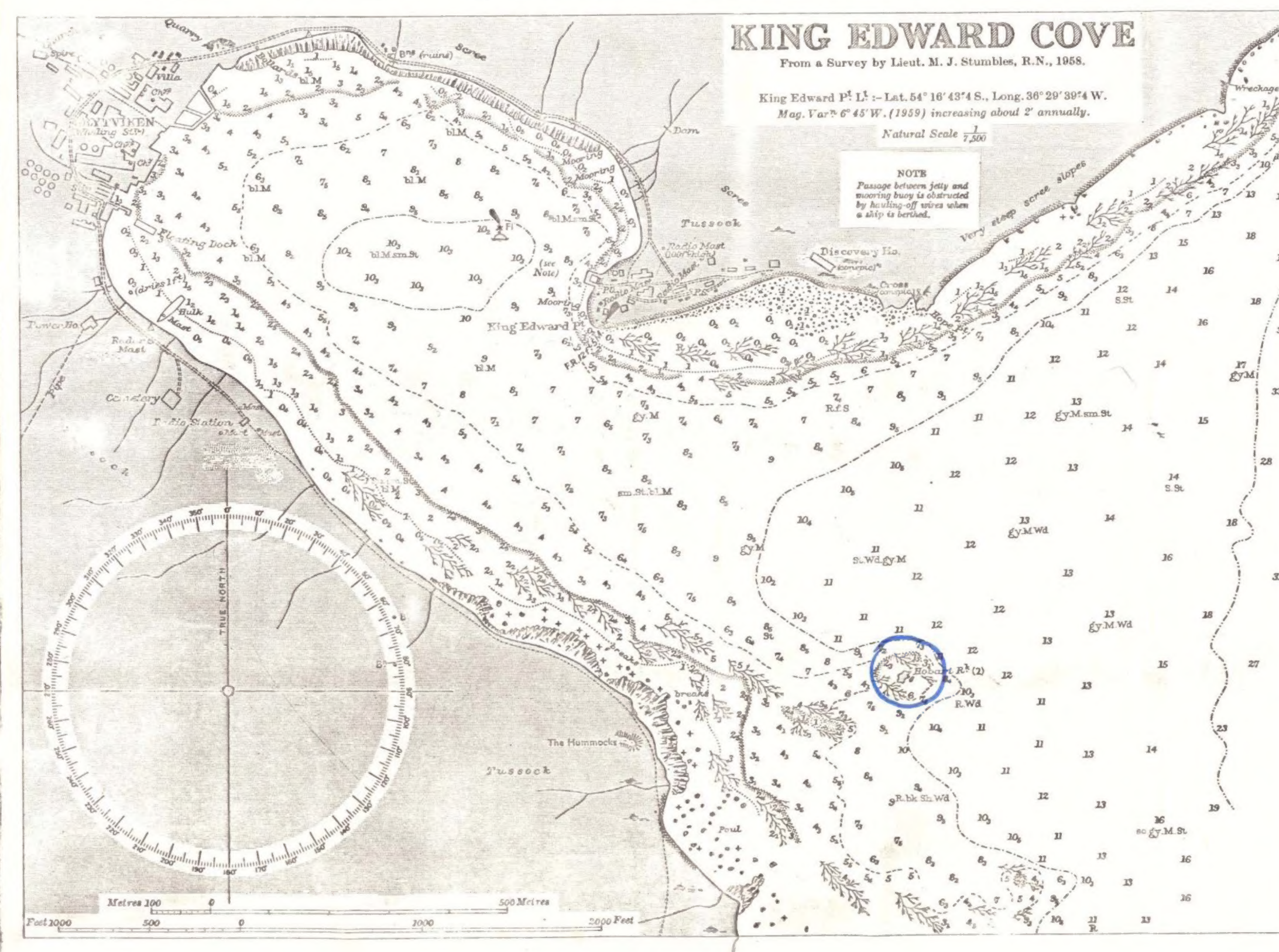
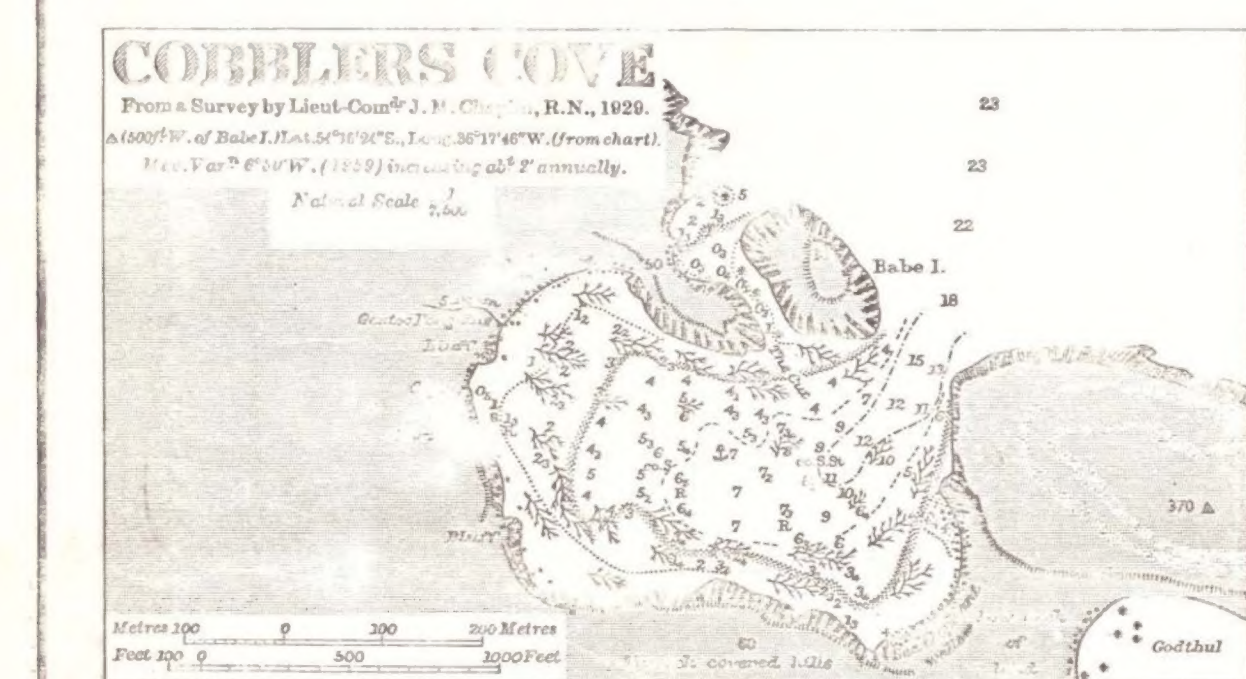
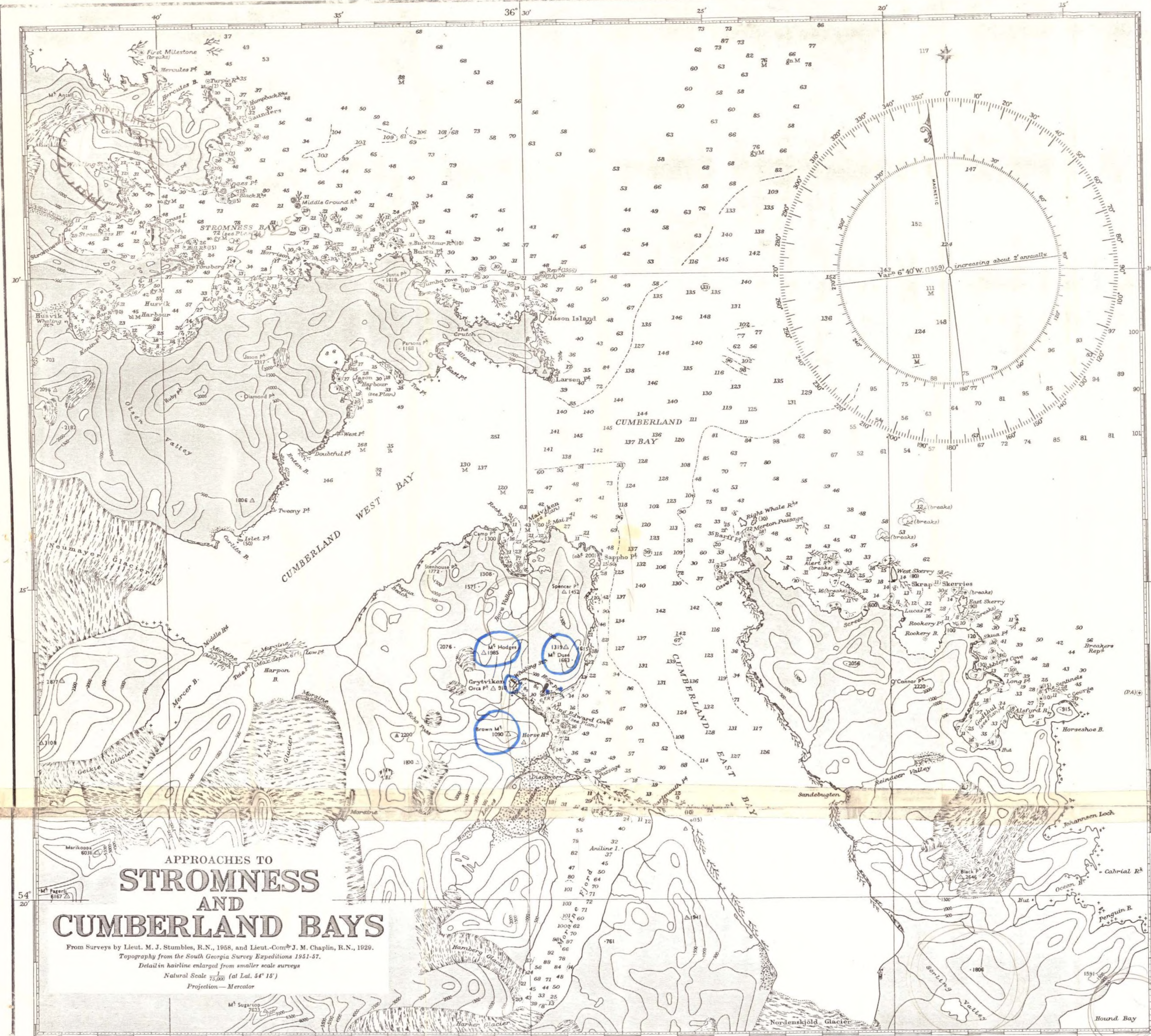
Projection: Mercator.

Authorities: The derivation of the hydrography is shown in the Source Data Diagram. Coastline and topography are derived from mapping by Directorate of Overseas Surveys, 1962. Soundings from older surveys are shown in upright figures.





Depth given in the True Compass and are given from Standard (Mean—125° etc.)
All Heights are expressed in Feet above Mean Higher High Water.
For Abbreviations see Admiralty Chart 3011.



Place	Height above datum of soundings				Datum to which soundings are reduced and Remarks
	High Water	Low Water	Mean H.T.	Mean L.T.	
Leith Harbour	2.5 ft. - 2.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. below N.M. W. on N. face of corner
Stromness	2.5 ft. - 2.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. below N.M. W. on N. face of corner
Husvik Harbour	2.5 ft. - 2.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. - 1.5 ft.	1.5 ft. below N.M. W. on N. face of corner

